## 020502

## JC10 Rec'd PCT/PTO 3 1 JAN 2002

n Express Mail" mailing label number

Date of Deposit January 31, 2002.

		PTO-139	0		DEPARTMENT OF COMMERCE TENT AND TRADEMARK OFFICE	CASE NO. 9793/73		
D D	#(REV. 5-93) PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)							
		DE	SIGNATI	ED/ELECTE	D OFFICE (DO/EO/US)			
INIT	CONCERNING A FILING UNDER 35 U.S.C. 371 09/890,442  INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED							
1141			P00/0060		January 27, 2000	January 29, 1999		
		OF INVEI		CTION OF N	I-TERMINAL PROBNP			
API	PLIC	ANT(S)	FOR DO	/EO/US				
					Kerstin Krueger, Anneliese Borgya, and ted States Designated/Elected Office (F	d Andreas Gallusser DO/EO/US) the following items and other information:		
1.					of items concerning a filing under 35 U.			
2.	$\boxtimes$				EQUENT submission of items concerni			
3.	П	This e	express	request to	begin national examination proce	edures (35 U.S.C. 371(f)) at any time rather		
	_					imit set in 35 U.S.C. 371(b) and PCT Articles 22 and		
4.			er Dema		ernational Preliminary Examination	was made by the 19th month from the earliest		
5.					pplication as filed (35 U.S.C. 371(c)(2))			
		a.			ted herewith (required only if not transn			
		b.		has been t	transmitted by the International Bureau.			
		C.		is not requ	ired, as the application was filed in the	United States Receiving Office (RO/US).		
6.		A trans	lation of t	he Internatio	onal Application into English (35 U.S.C.	371(c)(2)).		
7.		Amend	ments to	the claims o	of the International Application under PC	CT Article 19 (35 U.S.C. 371(c)(3)).		
		a.		are transm	nitted herewith (required only if not trans	smitted by the International Bureau).		
		b.		have been	transmitted by the International Bureau	J.		
		c.		have not b	een made; however, the time limit for n	naking such amendments has NOT expired.		
		d.		have not b	een made and will not be made.			
8.		`A trans	lation of t	he amendme	ents to the claims under PCT Article 19	(35 U.S.C. 371(c)(3)).		
9.	$\boxtimes$	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10.								
Iten	ns 1	1. to 16.	Below c	oncern othe	er document(s) or information includ	led:		
11.		An Info	rmation D	isclosure St	tatement under 37 CFR 1.97 and 1.98.			
12.	$\boxtimes$	An assi	gnment d	locument for	r recording. A separate cover sheet in c	ompliance with 37 CFR 3.28 and 3.31 is included.		
13.		A FIRS	T prelimir	nary amendr	ment.			
			A SECO	OND or SUB	SSEQUENT preliminary amendment.			
14.		A subst	itute spec	cification.				
15.	$\boxtimes$	A chang	ge of pow	er of attorne	ey and/or address letter.			
Red Not Dis	15. ☑ A change of power of attorney and/or address letter.  16.☑ Other items or information: Form PCT/DO/EO/905; Form PCT/DO/EO/920; Response to Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) (in duplicate); Response to Notification to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures; Petition and Fee for Three (3) Month Extension of Time (in duplicate); Check for \$920; Duplicate 3.5" Diskette containing Sequence Listing; Substitute Paper Copy of Sequence Listing (2 pages); and Return Postcard.							





U.S. APPLICAT	ION NO. (If known 09/89	i, see 37 C.F.R. 1.50) O.442	INTERNATIONAL AP	PLICATION NO. P00/00602	CASE NO. 9793/73	
17. The		es are submitted:	. 0.721		CALCULATIONS	PTO USE ONLY
Bas	ic National Fee	(37 CFR 1.492(a)(1)-(5)): een prepared by the EPO or JPO		\$890.00	CALCULATIONS	FIO USE ONE
		ary examination fee paid to USPT		\$710.00		
(37	CFR 1.482) but ir	minary examination fee paid to US nternational search fee paid to US	PTO	\$740.00		
CFF	R 1.482) nor interr	preliminary examination fee (37 national search fee (37 CFR		¢4.040.00		
Inte	mational prelimin	ary examination fee paid to		\$1,040.00		
USF prov	PTO (37 CFR 1.44 visions of PCT Art	82) and all claims satisfied ticle 33(1)-(4)		\$100.00		
		APPROPRIATE BAS			\$	
Surcharge of \$1 priority date (37		ing the oath or declaration later tha	ın ∐ 20 ⊠ 30 months	from the earliest claimed	\$130	
Čla		Number Filed	Number Extra	Rate		
Total Claims		- 20 =		x \$ 18.00		
Independent CI		- 3 =		x \$ 84.00		
Multiple depend	lent claim(s) if Ap	plicable)	0	+\$280.00		
				BOVE CALCUATIONS =	\$	
Reduction by 1/2 CFR 1.9, 1.27,		Il entity, if applicable. Verified Sm	all Entity statement mus	st also be filed. (Note 37		ĺ
011( 1.3, 1.27,	1.20)			SUBTOTAL =	\$130	
Surcharge of \$	130.00 for furnish	hing the English translation later t	han the 20 30			
claimed priority	date (37 CFR 1.4	492(f)).			\$	
				TOTAL NATIONAL FEE=	\$	
Fee for	recording the end	closed assignment (37 CFR 1.21(h appropriate cover s		st be accompanied by an 1), \$40.00 per property +	40.00	
,	<del></del>			TAL FEES ENCLOSED=	\$170	
					Amount to be	\$
					refunded	
					charged	\$
a. 🛛	Checks in	the amounts of \$130 and \$40 to o	cover the above fees are	e enclosed.		
b. 🗆		narge my Deposit Account No. 23-			s. A duplicate copy of this	
c. 🔯		missioner is hereby authorized to o A duplicate copy of this sheet is e		es which may be required,	or credit any overpayment	to Deposit Account No.
l	an appropriate tir lication to pendin	me limit under 37 CFR 1.494 or 1 g status.	.495 has not been met	a petition to revive (37 C	FR 1.137(a) or (b)) must l	pe filed and granted to
Send All Corres	spondence to:					
	Brinks	s Hofer Gilson & Lione	#			
		P.O. Box 10395	-			*
		chicago, IL 60610	Signa	Mre 2	•	
02/08/2008	Z MNGUYEN Ó	0000088 09890442	2	regory zayo	~	
01 FC:154		130.00 OP	Name Grego	bry H. Zayila		:
				tration Number 48 059		

.

Rev. Oct-01 Document2



"Express Mail" mailing label number	EL 669 271 052 US
Date of Deposit:	January 31, 2002
•	

Case No. 9793/73

## IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Application of:		)
	Johann Karl et al.	)
		) Examiner: To Be Assigned
Serial Number:	09/890,442	)
		) Group Art Unit: To Be Assigned
Filing Date:	July 26, 2001	)
	•	)
Title:	Assay for the Detection of N-	)
	Terminal proBNP	)

## RESPONSE TO NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Commissioner for Patents Washington D.C. 20231

Dear Sir:

S. 3

In response to the Notification to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (copy attached herewith), applicants state the following:

In a telephone conversation with the undersigned agent on November 19, 2001, Ms. India Evans of the United States Patent and Trademark Office stated that the original 3.5" diskette containing the sequence listing for the above-identified patent application was received together with the other application materials filed on July 26, 2001. Nonetheless, Applicants submit herewith a duplicate 3.5" diskette

containing the sequence listing. As required under 37 C.F.R. § 1.821, Applicants note that the sequence listing information recorded in computer readable form is identical to the written sequence listing.

In addition, Applicants note that a paper copy of the sequence listing was already submitted as part of the English translation of the International Application filed on July 26, 2001. A substitute paper copy of the sequence listing (pages 29 and 30 of the English translation filed on July 26, 2001) are attached herewith.

It is respectfully submitted that the Applicants are in full compliance with the requirements for patent applications containing nucleotide sequence and/or amino acid sequence disclosures.

Respectfully submitted,

Registration No. 48,059

Agent for Applicants

BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, IL 60610 (312) 321-4200

"Express Ma	ail" mailing label number	EL 669 271 052 US	
Date of Dep	osit:	January 31, 2002	
			Case No. 9793/73
n	N THE UNITED	STATES PATE	NT AND TRADEMARK OFFICE
In re Ap	plication of:		
	Johann Karl	et al.	
Serial N	o.: 09/890,442		Attention: Manager,
Filed:	July 26, 200	1	Application Branch
For:	Assay for th N-Terminal	e Detection of proBNP	
		NITED STATE	MISSING REQUIREMENTS UNDER 35 S DESIGNATED/ELECTED OFFICE CO/US)
	ssioner for Patents gton, D.C. 20231		
Attn.: B	ox Missing Parts		
Dear Si	<del>.</del> :		
in the U	nited States Design copy of which is at	nated/Elected Of	issing Requirements under 35 U.S.C. 371 fice (DO/EO/US) mailed September 20, I herewith for filing are the following
	Fully executed Dec		nt Application and Power of Attorney for tion.
$\boxtimes$ A	Applicant is:		
[	a small entit	y, verified staten	nent is:

attached

			already filed	
	$\boxtimes$	other	than small entity	
$\boxtimes$	Check	s totali	ng \$ <u>1050</u> for:	
	$\boxtimes$	Exten	sion of Time Fee of \$ <u>920</u>	<u>)</u> .
	$\boxtimes$	Surch	arge of \$ <u>130</u> .	
		Addit	ional Claim Fees of \$	<del></del> ·
$\boxtimes$	Petitio duplic		Extension of Time (37 C.	F.R. § 1.136(a)) to file missing parts (in
	Require Amino Seque	rements o Acid nce Lis	s for Patent Applications Sequence Disclosures; Esting; Substitute Paper C	onse to Notification to Comply with Containing Nucleotide Sequence and/or Ouplicate 3.5" Diskette containing opy of Sequence Listing (2 pages); Check for \$40; Return Postcard.
$\boxtimes$	credit	ommis overpa is encl	yment to Deposit Accou	ed to charge any deficiencies in fees or nt No. 23-1925. A duplicate copy of this
Dated:	Janu	ary 31	, 2002	Respectfully submitted,  Gregory H. Layia  Registration No. 48,059  Agent for Applicants
P.O. B CHIC	OX 10	)395 IL 606	GILSON & LIONE	
rev. Oct.	-01			

Document8

Commissioner for Patents, Box PCT United States Patent and Trademark Office Washington, D.C. 20231

U.S. APPLICATION NO.		FIRST NAMED APPLICANT		ATTY, DOCKET NO.
09/890	442	KARL	J	9793/73
33,333	· ·-		INTERNA	ATTONAL APPLICATION NO.
JEFFREY M DUNG BRINKS HOFER G		ONE	PC	T/EP00/00602
PO BOX10395			I.A. FILINO D	ATE PRIORITY DATE
CHICAGO, IL 6061	10		27 JAN 0	00 29 JAN 99
			DATE MA	1LED: <b>20</b> SEP 200
NOTIFICATION CONTAIN	ON TO CO NING NUC	OMPLY WITH REQUIREMENT ELEOTIDE SEQUENCE AND/OI DISCLOSURES	S FOR PATEN R AMINO ACI	IT APPLICATIONS ID SEQUENCE
America. The ite	ms indicate	ers under 35 U.S.C. 371 to enter the d below, however, are missing. To void abandonment is set forth in the	he period within	n which to correct the
The nucleotide an with the requirem reason(s):	d/or amino ents for suc	acid sequence disclosure contained the a disclosure as set forth in 37 CF	in this applica FR 1.821-1.825	tion does not comply for the following
This a	pplication d	ails to comply with the requirement loes not contain, a "Sequence Listinger copy or compact disc, as require equence Listing" in computer reada	ng" as a separated by 37 CFR 1	te part of the 1.821(c).
require A cop	ed by 37 CF y of the "Se	FR 1.821(e). equence Listing" in computer reada	ble form has be	een submitted. The
37 CFI Sequer	R 1.822 and ace Listing.	nputer readable form, however, doi 1/or 1.832, as indicated on the attac "	hed marked-up	copy of the "Raw
damag substi	ged and/or u	idable form that has been filed with unreadable as indicated on the attacter readable form must be submitted	hed CRF Diske I as required by	ette Problem Report. A y 37 CFR 1.825(d).
	uter readabl	or compact disc of the "Sequence Listing" a		
APPLICANT MI	JST PROV	IDE: titute computer readable form (CR	F) of the "Seau	ence Listing."
		titute paper copy or compact disc of		
ameno	lment direc	ting its entry into the specification.		
A stat	ement that	the contents of the paper or compact	t disc and the o	computer readable form
are th	e same and	, where applicable, include no new ), 1.821(g), 1.825(b) or 1.825(d).	matter, as requ	iired by 37 CFR
FOR QUESTION	IS REGAR	DING COMPLIANCE WITH THI	ESE REQUIRE	MENTS, PLEASE
(703) 30 (703) 30	8-4212, for	r Rules interpretation, r CRF submission help, r PatentIn software help.		
			India Evai	ns
		Teleph	one: 703-305-2	936

Commissioner for Patents, Box PCT United States Patent and Trademark Office Washington, D.C. 20231 www.uspio.gov

U.S. APPLICATION NO.	T		FIRST NAMED APPLICANT		ATTY, DOCKET NO.
09/8904	42		KARL J		9793/73
				INTERNATIONAL	L APPLICATION NO.
JEFFREY M DUN		ONE		PCT/EF	200/00602
BRINKS HOFER ( PO BOX10395	GLISON & LI	ONE		I.A. FILING DATE	PRIORITY DATE
CHICAGO, IL 606	10			27 JAN 00	29 JAN 99
			j		90 050 00
				DATE MAILED:	<b>20</b> SEP 20
NOTIFICATION			JIREMENTS UNDER ED/ELECTED OFFIC		N THE UNITED
. The following ite	ms have been	submitted by the	applicant or the IB to the Un	ited States Patent and	Trademark
Office as			.494) an Elected Office		
	sic National Fe		Indication of Small Ent		to English
	the internation Declaration of		Translation of the inter		
- Comu of	Article 19 ame		Other:	- amenamento mito El	
<u>—</u>	Document.		<u> </u>		
		minary Examinati	on Report in English and its	Annexes, if any.	
			nal Preliminary Examination		
Applicani has	requested early	processing unde	r 35 U.S.C. 371(f) but has no	ot filed the following i	indicated items and/o
ne indicated items in	paragraph 3 b	elow. The Basic	National Fee and the copy o	f the international app	lication must be filed
rior to 20 or 30 mor	iths from the p	riority date to ave	oid abandonment.		
U.S. Ba	sic National Fe	æ.	Copy of the internation	al application.	
		urnished within t	he period set forth below in	order to complete the	requirements for
cceptance under 35	U.S.C. 3/1: lation of the ar	polication into En	glish. A processing fee will	be required if submitt	ed
			months from the priority dat		
☐ Th	e current trans	lation is defective	for the reasons indicated on	the attached Notice o	f Defective
Tr	anslation.				
			slation of the application and the priority date (37 CFR 1.4		nan the
apj r⊽⊧c Oath	or declaration	of the inventors.	in compliance with 37 CFR 1.	1.497(a) and (b), prop	erly identifying
the	application (p	referably by the l	nternational application num	ber and international f	iling date). A
sui	charge will be	required if subm	itted later than the appropriat	e 20 or 30 months fro	om the priority
dat		or declaration do	es not comply with 37 CFR 1	497(a) and (b) for th	e reasons
		ittached PCT/DO		1.497(a) and (b) for th	ic reasons
∏a d. Surch	arge for provi	ding the oath or o	leclaration later than the appi	opriate 20 or 30 mon	ths from the
_		CFR 1.492(e)).			
. Additional claim	fees of \$	as a [	large entity small entity,	including any require	d multiple dependent
laim fee, are require ue (37 CFR 1.492)	ed. Applicant : (a)). See attach	must submit the a ed PTO-875.	additional claim fees or cance	the additional claims	s for which fees are
` "			ence listing pursuant to 37 C	FR 1.821-1.825. See	attached
CT/DO/EO/920.		*	<b>J</b> 1		
MONTHS FROM T	THE DATE O	F THIS NOTIC! E APPLICATIO	4 AND 5 ABOVE MUST I E OR BY 22 OR 32 MONT DN, WHICHEVER IS LAT Γ.	HS (where 37 CFR 1	.495 applies) FROM
			a petition and fee for extens	ion of time under the	provisions of 37 CFF
Annexes will be can	celled. A proc anendments	essing fee will be are cancelled sinc	nnexes MUST be submitted a required if submitted later the e a translation was not provi- ate.	nan 20 or 30 months f	rom the priority date.
			e United States Patent and Troplication no. shown above. (		be mailed to the
	A come at	estin masina	MITTER he metured t	vith thic recnan	
	DO/EO/917	☐ Not	MUST be returned wice of Defective Translation	an ins respon	se.
Enclosed: PCT/	DO/EO/917	☐ Not	ice of Defective Translation T/DO/EO/920	India Evans	ve.